**Chapter 3:**

**SYSTEM DESIGN**

**3.1 System Architecture**

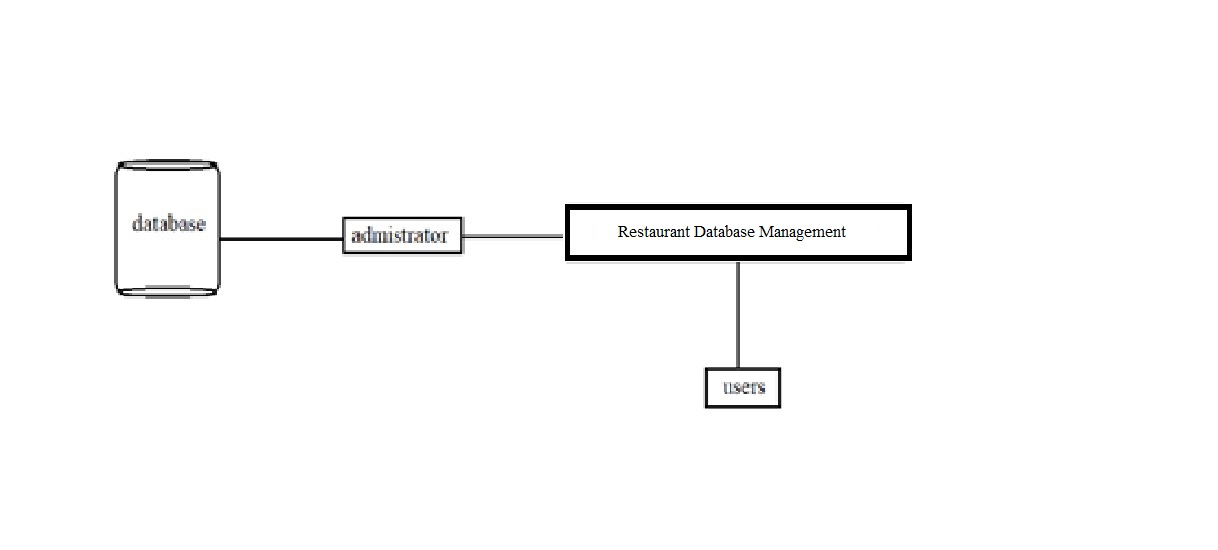
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Fig: 1.1 System Architecture

**3.1.1 Administration module:**

This module is protected by the username and password. Ordinary users will not be permitted to enter this area of the software. It mainly maintains the master data. The administrator can modify the data that has been already entered and also can insert/add new data into the database and can also update and delete the database.

**3.1.2 User module:**

User has a username and password like administrator which he/she can use to access the database. User can get the details of all the Categories of Dishes, Dishes itself and Orders.

**3.1.3 Dishes module:**

It has the data of all the dishes, the category they belong to, and the price that they cost. This can be used to generate and print receipts.

**3.1.4 Database:**

Data are known facts that can be recorded and that have implicit meaning. A database is a collection of related data. Database management system is a collection of programs that enables users to create and maintain the database. It is a general-purpose software system that facilitates the processes of defining, constructing, manipulating, and sharing database among various users and applications.

**3.2: ER-DIAGRAM**

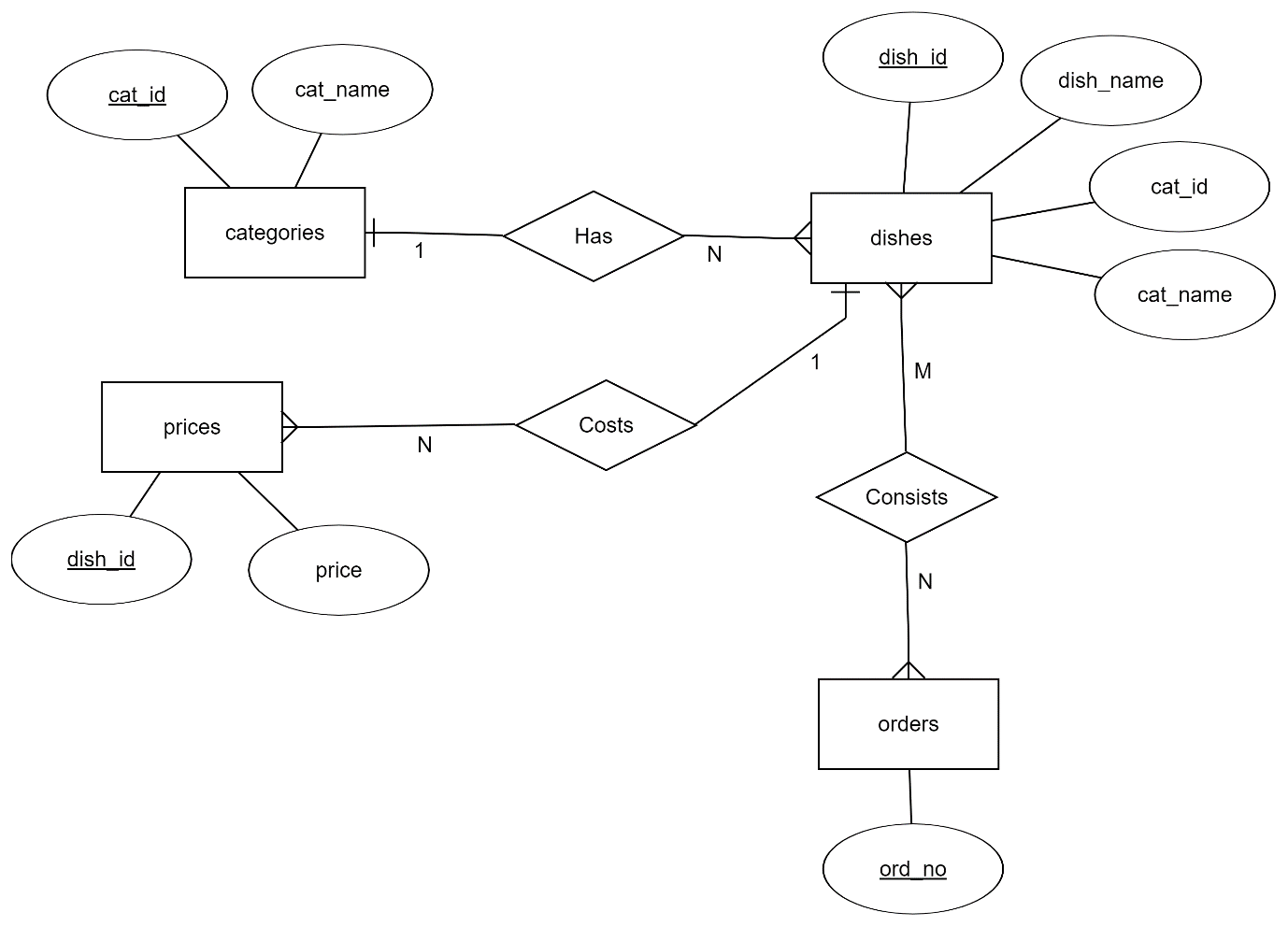
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Fig: 1.2 ER Diagram

**3.3 Schema Diagram**

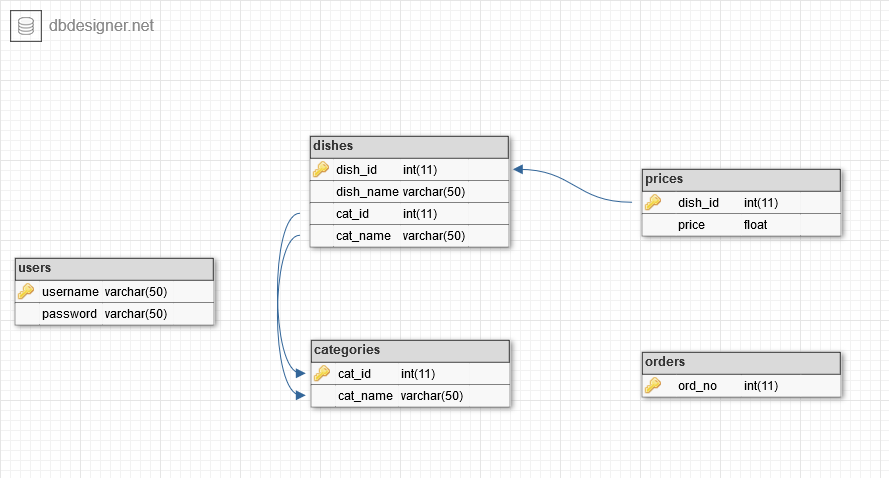
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Fig: 1.3 Schema Diagram